

Work Order ID 54510

December 10, 2009 1:55:09 PM



Page 1

Item ID: D205-761-321

Accept



Setup Start



Revision ID:

Stop



Item Name: Wiring Harness

Start Date: 1/15/10 Start Qty: 1.00



Cust Item ID:

Required Date: 1/20/10 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: CL

Date: 09/12/10 Tooling:

Date:

QC: _____

Date: _____ SPC (Y/N): _____

Date:

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

100

0.00



Purchasing

Memo

0.00

Purchasing

Issue P.O to Eagle 10926
Make in accordance to D205-761-321

CL 09/12/10 0

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

PLD 10/04/2010 0

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

=> S. Wolke

CL

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

• **NOTE:** Date & initial all entries

Work Order ID 54510

December 10, 2009 1:55:09 PM

Page 2

Item ID: D205-761-321

Accept

Setup Start

Revision ID:

Stop

Item Name: Wiring Harness

Start Date: 1/15/10 Start Qty: 1.00

Cust Item ID:

Required Date: 1/20/10 Req'd Qty: 1.00

Customer:

Reference:

Run Start

Approvals: Process Plan: Date: Tooling: Date:

Stop

QC: Date: SPC (Y/N): Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

Identify as per dwg & Stock Location:

0.00



Packaging

Memo

0.00

Packaging

10-1-27 (12) sf

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/01/27

MF
10-1-27

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

* NOTE: Date & initial all entries

Picklist Print

December 10, 2009 1:55:09 PM

Page 1

Work Order ID: 54510

Parent Item: D205-761-321

Parent Item Name: Wiring Harness



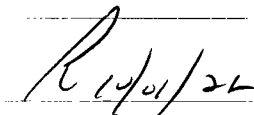

Comments:

Start Date: 1/15/10

Required Date: 1/20/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D205-761-321P  Wiring Harnesses		Purchased	No				Each	0.0000	1.0000 		1/14/10	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

LIST OF MATERIALS				
ITEM	QTY	PART NUMBER	DESCRIPTION	SUPPLIER
1	2	MS3451W14S-7P	CONNECTOR, RECEPTACLE (J13/J14)	
2	AR (10)	M39029/29-212	CONTACTS, PINS	
3	6	M85049/52S-14W	BACKSHELL	
4	2	MS3456W14S-7S	CONNECTOR, PLUG (P13A/P14A)	
5	AR (10)	M39029/30-218	CONTACTS, SOCKETS	
6	1	MS3451W14S-2P	CONNECTOR, RECEPTACLE (J18)	
7	1	MS3456W14S-2S	CONNECTOR, PLUG (P18A)	
8	2	18-200	QUIK-CONNECTOR, PLUG	VIVISUN
9	1	LED-40-17-HK-35402	ANNUNCIATOR (MASTER CAUTION)	VIVISUN
10	1	LED-40-17-HK-35401	ANNUNCIATOR (ENGINE FIRE)	VIVISUN
11	1	MS3474W20-41P	CONNECTOR, RECEPTACLE (J1001)	
12	AR (15)	M39029/4-110	CONTACTS, PINS	
13	1	MS3476W20-41S	CONNECTOR, PLUG (P1001)	
14	AR (15)	M39029/5-115	CONTACTS, SOCKETS	
15	2	M85049/52S-20W	BACKSHELL	
16	1	MS3451W10SL-3P	CONNECTOR, RECEPTACLE (J17)	
17	3	M85049/52S-10W	BACKSHELL	
18	2	MS3456W10SL-3S	CONNECTOR, PLUG (P17A/B)	
19	2	2-321895-2	LUGS, CHROMEL	TYCO
20	2	2-321895-4	LUGS, ALUMEL	TYCO
21	3	M85049/2S-10W	BACKSHELL	
22	2	MS3456W10SL-3S	CONNECTOR, PLUG (P17A/B)	
19	2	2-321895-2	LUGS, CHROMEL	TYCO
20	2	2-321895-4	LUGS, ALUMEL	TYCO
21	1	D3705-9	INSTRUMENT FACE PLATE	DART AEROSPACE
22	1	18-258	PANEL PLUG, BLACK	VIVISUN

C209112/10
W/O: 54510

NEW WIRE / UNIT
EXISTING WIRE / UNIT

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED.
- ALL NEW TWISTED SHIELDED CABLE USE M27506-xx-SMxT23 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 22 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 3.
- KEEP ALL JUMPERS, SHIELD GNDS AND LOGIC STRAP WIRES AS SHORT AS POSSIBLE.
- KEEP ALL POWER AND CHASSIS GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 4.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 4.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE CARRIED OUT PER BHT-ELEC-SPM CHAPTER 8.
- PROVIDE SEPARATE GROUND STUD LOCATIONS FOR DC POWER GROUNDS, AC POWER GROUNDS, CHASSIS GROUNDS, SIGNAL GROUNDS AND SHIELD GROUNDS.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 5.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/ SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
- ROUTE ALL WIRES AND CABLES WITH EXISTING WIRE AND CABLE RUNS IN ACCORDANCE WITH BHT-ELEC-SPM CHAPTER 6.
- REMOVE INDICATOR FROM CO-PILOTS INSTRUMENT PANEL AND INSTALL IN VERTICAL REFERENCE DOOR.
- CUSTOMER SUPPLIED MATERIAL.

RELEASED
09/02/05

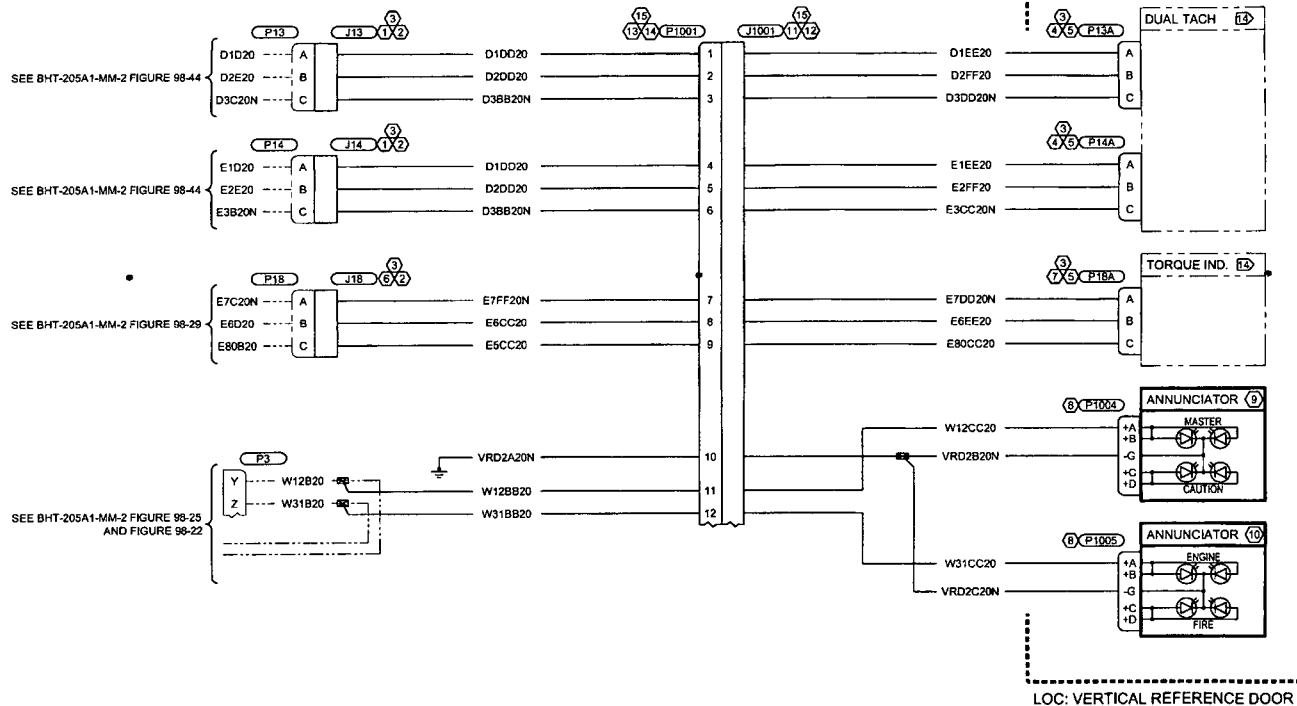
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REV.	DESCRIPTION	BY	DATE
DESIGN	KB		
DRAWN	KB		
CHECKED	GR		
MFG. APPR.	GR		
APPROVED	GR		
DE APPR.	GR		
DATE	08.11.06		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA



DRAWING NO. REV. A
D205-761-321 SHEET 1 OF 3

TITLE SCALE
VRD - REQUIRED / OPTIONAL WIRING NTS

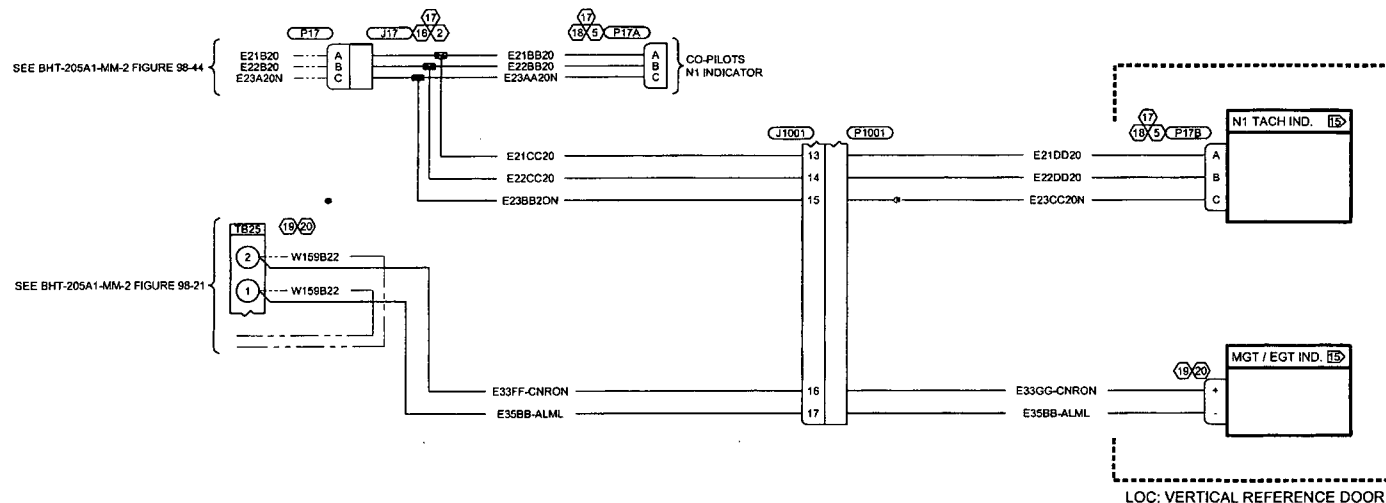
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ELECTRICAL WIRING DIAGRAM
BELL MODEL 205A1
PART NUMBER: D205-761-321

DESIGN	KB	DART AEROSPACE LTD	
DRAWN	KB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	GR	DRAWING NO.	REV. A
MFG. APPR.	GR	D205-761-321	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		VRD - REQUIRED / OPTIONAL WIRING	NTS
DATE	08.11.06	COPYRIGHT © 2008 BY DART AEROSPACE LTD	
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54510
RELEASED
16/07/05



ELECTRICAL WIRING DIAGRAM
BELL MODEL 205A1
PART NUMBER: D205-761-321

DESIGN	KB	DART AEROSPACE LTD	
DRAWN	KB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	GR	DRAWING NO.	REV. A
MFG. APPR.	GR	D205-761-321	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		VRD - REQUIRED / OPTIONAL WIRING	NTS
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54510
RELEASED
8/12/05 11:00

Eagle Copters Maintenance Ltd

823 McTavish Rd, NE
Calgary, Alberta T2E 7G9
Canada

Packing Slip

Shipped Date: 01/20/2010

Telephone: (403) 250-7370

Fax: (403) 250-7111

Shipment number: SH#10-000217

Ship To: Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, Ontario K6A 1K7
Canada

Ship Via:

Carrier Terms:

Waybill:

Customer PO number: PO10926

Phone:

Item	Part Number	Part Description	Current Location	Qty	UOM	Serial Number	Lot Num
1	D205-761-321P	Vertical Reference Door Wiring Harness	Avionics Shop	1		N/A	

Work Order Number: 46327.2

Eagle P.O. Number:

* End of Report *

S 10/01/26

Work Order Number: 46327 Build V/Door Wiring Harness

This Work Report forms part of this aircraft's permanent technical records - DO NOT DESTROY.

tem: 1 Vertical Reference Door Wiring Harness

Squawk: 1.1Discrepancy:Build Vertical Reference
Door Wiring Harness
P/N:D205-761-321PResolution:Built Vertical Reference
Door Wiring Harness
P/N:D205-761-321P IAW
DART DWG D205-761-321.

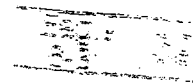
1.1 Work Done By: Paul Hernandez

*The maintenance described above has been performed in accordance with the applicable standards of airworthiness.***AMO 6-81** Signature: Graeme Rowe on 1/19/2010Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
M85049/52S-14W	BACKSHELL		LT-09-015700	New	6
MS3456W14S-7S	CONNECTOR W/CON		LT-09-015481	New	2
MS3456W14S-2S	CONNECTOR		LT-09-015480	New	1
18-200	QUIK CONNECT		LT-09-015381	New	2
LED-40-17-HK-35402	INDICATOR ASSEMBLY - MASTER CAUTION		LT-08-014144	New	1
LED-40-17-HK-35401	INDICATOR ASSEMBLY - ENGINE FIRE		LT-08-014143	New	1
MS3474W20-41P	CONNECTOR		LT-10-000007	New	1
MS3476W20-41S	CONNECTOR		LT-09-015482	New	1
M85049/52S-20W	BACKSHELL		LT-09-015477	New	2
MS3456W10SL-3S	CONNECTOR		LT-09-015479	New	2
MS3451W14S-7P	CONNECTOR		LT-09-015694	New	2
MS3451W10SL-3P	CONNECTOR		LT-09-015478	New	1
MS3451W14S-2P	CONNECTOR		LT-09-015693	New	1
AN5538-1	TERMINAL		LT-05-011401	New	4
AN5538-2	TERMINAL		LT-05-011403	New	4
M85049/52S-10W	BACKSHELL		LT-09-015469	New	3
M39029/22-192	CONTACT		LT-09-011412	New	4
M22759/41-20-9	WIRE		LT-08-011921	New	230
M5846-2A2/16	ALML-CHROM CABL		LT-05-010096	New	15
1-608036-4	SILICON FUSION TAPE/BLACK		LT-09-015014	New	1
M22759/41-20-9	WIRE		LT-08-011921	New	194
M5846-1E2/20	WIRE		LT-06-000611	New	14

Outside Services:

Qty	Part Number	Serial Number	Part Description	Service Description
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***** Original Maintenance Releases and Independent Control Inspection details are stored electronically at *****
 ***** Eagle Copters Maintenance Ltd. in Calgary Alberta in the Corridor Software *****

Work Order Number: 46327 Build V/Door Wiring Harness

This Work Report forms part of this aircraft's permanent technical records - DO NOT DESTROY.

tem: 2 Vertical Reference Door Wiring Harness

Squawk: 2.1Discrepancy:Build Vertical Reference
Door Wiring Harness
P/N:D205-761-321PResolution:Built Vertical Reference
Door Wiring Harness
P/N:D205-761-321P IAW
DART DWG D205-761-321.**2.1** Work Done By: Paul Hernandez*The maintenance described above has been performed in accordance with the applicable standards of airworthiness.***AMO 6-81** Signature: Graeme Rowe on 1/19/2010Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
M85049/52S-14W	BACKSHELL		LT-09-015701	New	6
MS3456W14S-7S	CONNECTOR W/CON		LT-09-015474	New	2
MS3456W14S-2S	CONNECTOR		LT-09-015473	New	1
18-200	QUIK CONNECT		LT-09-015382	New	2
LED-40-17-HK-35402	INDICATOR ASSEMBLY - MASTER CAUTION		LT-08-014144	New	1
LED-40-17-HK-35401	INDICATOR ASSEMBLY - ENGINE FIRE		LT-08-014143	New	1
MS3474W20-41P	CONNECTOR		LT-10-000008	New	1
MS3476W20-41S	CONNECTOR		LT-09-015475	New	1
M85049/52S-20W	BACKSHELL		LT-09-015470	New	2
MS3456W10SL-3S	CONNECTOR		LT-09-015472	New	2
MS3451W14S-7P	CONNECTOR		LT-09-015697	New	2
MS3451W10SL-3P	CONNECTOR		LT-09-015471	New	1
MS3451W14S-2P	CONNECTOR		LT-09-015692	New	1
AN5538-1	TERMINAL		LT-05-011401	New	4
AN5538-2	TERMINAL		LT-05-011403	New	4
M39029/22-192	CONTACT		LT-09-011412	New	4
M85049/52S-10W	BACKSHELL		LT-09-015476	New	3
D-436-83	BLUR BUTT SLPICE/NICKEL		LT-09-010011	New	10
M22759/41-20-9	WIRE		LT-08-011921	New	194
1-608036-4	SILICON FUSION TAPE/BLACK		LT-09-015014	New	1
M39029/4-110	CONTACT		LT-05-003530	New	50
M5846-2A2/16	ALML-CHROM CABL		LT-05-010096	New	8

Outside Services:

Qty	Part Number	Serial Number	Part Description	Service Description
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* End of Report *




***** Original Maintenance Releases and Independent Control Inspection details are stored electronically at *****

***** Eagle Copters Maintenance Ltd. in Calgary Alberta in the Corridor Software *****